

Misc - 56  
24 Nov 64

25X1

SUBJECT: [REDACTED], Progress Review Meeting, 16 - 20 Nov 64

## REQUIREMENT

1. In accordance with the provisions of the subject contract and as directed by customer message 3244 dated 9 November 64, a technical progress review meeting was held at the contractor's facility during the week of 16 - 20 November 64.

## PERSONNEL PRESENT

2. Customer: The following personnel visited the contractor's facilities on the dates indicated to discuss PARs and/or items as listed for each customer representative.

25X1

a. [REDACTED] 16 - 20 Nov 64  
(Administrative and General)

25X1

b. [REDACTED] 16 Nov 64  
(UV & IR Film Transmission)

25X1  
25X1

c. [REDACTED] 16 Nov 64  
(PAR 211) [REDACTED]

25X1

d. [REDACTED] 17 Nov 64  
(PAR 212)

25X1

e. [REDACTED] 17 Nov 64  
(PARs 216 and 217)

25X1

f. [REDACTED] 18 & 19 Nov 64  
(Film for Chips)

25X1

g. [REDACTED] 19 Nov 64  
(Film for Chips)

25X1

h. [REDACTED] 19 & 20 Nov 64  
(PARs 202, 206, 207,  
213, 214, 215 & 224)

Declass Review by NGA.

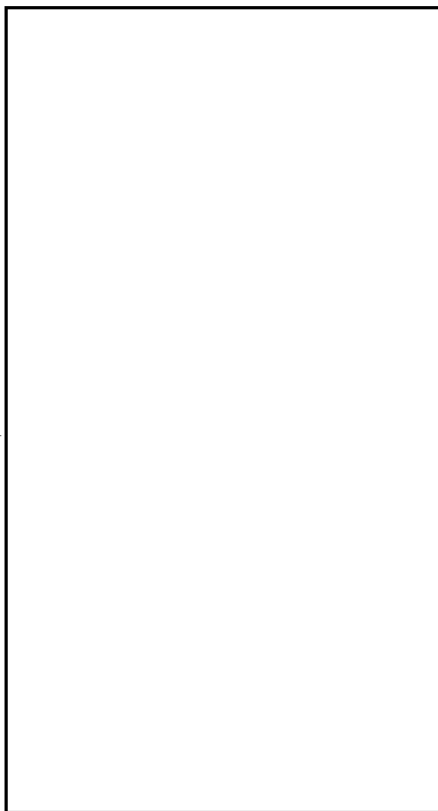
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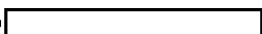
3. Contractor: Contractor personnel listed below participated in PAR reviews and item discussions only as required:



DISCUSSION

4. The review meetings held during the week of 16 - 20 November 64 were conducted on an informal basis. The agenda suggested by the customer and outlined in paragraph 2 was generally followed and resulted in an orderly, effective review.

5. General

a. Possible materials for fluid gate application were discussed with  The following two items were given to 

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(1) Reprints of Journal SMPTE (1957 and 1958), Parts 1 and 3, "Printing Motion Picture Films Immersed in a Liquid".

(2) Contractor Sketch, JP-1070-647, covering the fluid recommended for use in the 10-20-40X Enlarger.

b. Contractor agreed to supply the customer with 500, 4 by 5 inch sheets each of 4427 and 8430 film: one-half of each film type to be notched and the other half not notched.

25X1 c. [ ] requested that copies of our Equipment Fact Sheets be forwarded to:

- 25X1 (1) [ ]  
(2) [ ]  
(3) [ ]  
(4) [ ]

d. The feasibility model of the Command Titler (Mod. III) developed on another contract, was demonstrated to [ ] 25X1

25X1 e. [ ] agreed to determine the degree of customer interest in Vectograph Study and use of two-color paper for analoglyphs.

25X1 f. [ ] requested:

(1) A copy of ASA standards for Color Transparency Viewing Conditions.

(2) Specifications on color temperature measuring instrument. It was pointed out that color temperature measurement is not usable on fluorescent lights because of the peculiar spectral energy distribution of these lights.

25X1 g. [ ] was promised coated and uncoated samples of products furnished to the customer. A copy of the Physical Properties Handbook was obtained for his use.

h. Radiated Interference [ ] loaned the contractor a copy of FED Std. 222, "Radiation Standard for Communications and Other Information - Processing Equipment". Since it is classified CONFIDENTIAL, 25X1

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it should be returned to the customer when no longer needed. The primary concern at present is with signals which might conceivably transmit information and not with signals which only indicate machine operation. For example:

(1) Problem: Radiation from the video system of the Stereo Registration Device (PAR 222) might be troublesome.

(2) No problem: Radio Interference from the RT-12R (PAR 214) is not now a problem.

i. It was requested that the contractor include in fiscal reports the numbers and titles of all PARs -- even those which have not been submitted.

25X1 → j. The contractor is to submit a list of all active PARs and PARs to be submitted, with suggested titles and/or title condensations which, when approved, will be standard for identification on briefing boards, summaries and any document requiring a shortened title.

→ k. Requirements and possible techniques for correction of color-balance and exposure variation due to change of acquisition angle along a frame were discussed.

(1) Correction at camera is considered too complex at present.

(2) Correction at printing is considered reasonably workable based on cursory evaluations.

l. The following general items were also discussed:

(1) An ability to vary controlled intensity and color of incident and transmitted light for option viewing of color materials (possible new PAR). Fabrication of a special viewer was discussed as a possibility.

*PAR is being prepared.*

(2) Special color standards for viewing room and viewing personnel.

6. PAR discussions: Detailed discussions were held with the customer and contractor engineers on the individual PARs selected for review and on miscellaneous items. Reports covering these discussions are attached.

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Items of major importance, general items and action items, even though discussed and reported in the attachments, are also included in the main body of this report.

7. Briefing Boards: A more complete discussion may be found in attachment #12, titled Briefing Boards. References to briefing boards may also be found in the attached discussion on the individual PARs. Major items which influence briefing board design and production are listed:

a. Revised specifications were presented by the customer.

b. Titling instructions were given:

(1) Each board to contain the PAR title or a standard condensation of PAR title (see paragraph 5j).

(2) Where more than one board is required per PAR, sub-titles shall identify or describe each board.

(3) PAR number shall not appear on front of boards. It is permissible to pencil the PAR number and the board number on the rear of each briefing board. For example: PAR 214, 1 of 5; 2 of 5, etc.

(4) Sketches of proposed briefing boards shall be submitted to the cognizant customer engineer prior to actual start of board preparation.

8. Active PARs

a. PAR 207, Contact Printer Study

(1) The problem of obtaining good knife-edge-targets for printer evaluation was discussed. [redacted] will:

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(a) Investigate the availability of knife-edge-target from the Bureau of Standards. *obtained* [redacted]

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(b) Schedule a meeting with contractor personnel at the customer's facility on the preparation of knife-edge-targets. *completed*

(c) Forward to the contractor a copy of a Bureau of Standards report on the preparation of knife-edge-targets (Q Meter Report).  
Received by contractor on 1 Dec 64.

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25X1 → *not received* (2) [ ] requested that the contractor furnish him with a set of high-quality Moire' pattern prints. He also requested information on the process of making such prints. *mat '5*

b. PARs 214 and 215, Roller Transport Reversal (12-Inch) and Roller Transport Processor (24-Inch).

(1) The contractor will rewrite original PAR sheets, update the PAR specification and submit to the customer.

25X1 (2) [ ] requested that new estimates to complete PARs 214 and 215 be submitted as soon as detailed fabrication estimates are available.

25X1 (3) As soon as installation interface drawings are complete, the contractor personnel [ ] should plan to visit the customer facility to discuss location of services required for the processor.

25X1 → *Need any new claims?* (4) [ ] requested that security clearances for installation personnel be forwarded at least one month prior to start of actual installation.

✓ (5) Customer will confirm the 7-foot, 10-inch ceiling height, the 23-foot long and 8-foot wide room dimensions.

(6) PAR 215 - The contractor will be advised if the provisions for the use of hypo-clearing agent is to be added to one of the wash tanks.

*Willard* c. PAR 213, Color Reproduction Systems Review: The customer will confirm that the intent of this project is to achieve maximum quality duplicate data reduction copies, not in the original.

#### 9. New PARs

a. PAR 231, 10-20-40X Color Lamphouse, and PAR 232 Automated Edge Trace Device, have been completed and will be transmitted to the customer by 25 November 64. *copy*

25X1 b. [ ] indicated his desire for early submission of the Automation Program Study, PAR 235, outlined in the FY-65 Budget.

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c. [ ] requested that proposals be prepared for:

- (1) Film Scrap Table (retractable or removable core), PAR 236.
- (2) Film Editing Table (seated operator, pressure-sensitive tape splicer).

*out by oral instruction*

ACTION ITEMS

10. Customer Action:

- a. Paragraph 5e - Determine intent in Vectograph Study.
- b. Paragraph 8a (1) - Forward copy of report on knife-edge-target preparation to contractor, obtain knife-edge-targets and schedule meeting to discuss their use. Report received by contractor 1 December 1964.
- c. PARs 214 and 215:

- (1) Paragraph 8b(5) and attachment #9 - Confirm room dimensions.
- (2) Attachment #9 - Specify action on paragraph 7.

- d. Paragraph 8c - PAR 213, confirm project intent.
- e. Attachment #11 - PAR 217, furnish reference on laser beam uniformity.

11. Contractor Action:

- a. Paragraph 5b - Furnish customer with sheet film samples.
- b. Paragraph 5c - Forward equipment catalogs to customer. *"mid-January"*
- c. Paragraph 5f(1) - Forward ASA standards for color viewing conditions.
- d. Paragraph 5f(2) - Forward specifications on color temperature measuring instrument. *Should be here*
- e. Paragraph 5g - Forward coated and uncoated samples of products.
- f. Paragraph 5j and Attachment #12 - Submit list of all PARs.
- g. Paragraph 7b(4) and attachment #12 - Submit sketches of proposed briefing boards prior to starting final art work. *Mail 21 Jan 65*
- h. Attachment #2 - PAR 204, submit estimate to complete.

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- ✓ ? → i. Attachment #3 - PAR 205, submit estimate to complete. ✓
- ? → j. Attachment #4 - PAR 206, modify briefing boards. ✓
- ? → k. Paragraph 8a(2) and attachment #5 - PAR 207, Forward Moire' pattern prints and discussion of print preparation.
- ? → l. Attachment #6 - PAR 211, submit estimate for study extension. ✓
- ? → m. Attachment #8 - PAR 213, confirm project intent. ?
- ? → n. PARs 214 and 215:
- ? (1) Paragraph 8b(1) and attachment #9 - Rewrite PARs, update specifications and submit. ✓
- ✓ (2) Paragraph 8b(2) and attachment #9 - Submit cost estimate. ✓
- ? (3) Attachment #9 - Submit preliminary installation engineer- ing data. ✓
- ? → o. Paragraph 9b and 9c - Submit PARs for customer consideration.
- ? → p. Attachment #10 - PAR 216, complete final report by 15 Jan 65. ✓
- ? → q. Attachment #11 - PAR 217, literature search. ✓

12. Attachments: Discussion on individual PARs, briefing boards, and miscellaneous items, and the personnel present during each discussion, are included in Attachments #1 through #14 inclusive.

GJF:MSS  
Att. 14

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